



# **GARFIELD COUNTY, UTAH**

## **CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA**

**GROUND SNOW LOAD:** Based on elevation, minimum 40-pound load.

**WIND SPEED:** 90 MPH, 3 second gusts at 115 MPH

**SEISMIC DESIGN CATEGORY:**

- Area West of Henrieville: SITE CLASS D
- Area East of Henrieville: SITE CLASS C
- Area 30 Miles East of Boulder: SITE CLASS B

**WEATHERING PROBABILITY:** Severe, Exposure C

**FROST LINE DEPTH:** 33"

**TERMITE INFESTATION:** Moderate to Heavy

**WINTER DESIGN TEMPERATURE:** Garfield County climate zone 5.

**ICE BARRIER UNDERLAYMENT REQUIRED:** Yes, required per IRC R-703.1, R-703.08 Uniform Building Standards Act Rules, R156-56-711 (2).

**FLOOD HAZZARDS:** Per Garfield County Flood Damage Prevention Ordinance including any amendments thereafter. Shall also comply with the most current adopted International Building & Residential Code.

**AIR FREEZING INDEX:** 923 to 2084 (100 year 99%)

**MEAN ANNUAL TEMPRATURE:** 40.1 to 53 degrees Fahrenheit.

**MINIMUM FOOTINGS:** 9 inches thick by 20 inches wide.